

PROJECT TITLE : CIGARETTE DEVELOPMENT, TECHNICAL REPORT
PERIOD COVERED : January 22nd - February 29th 1980
WRITTEN BY : J.-H. DU BOIS

S W E D E N

354 INGEMAR / GAMMA Product having a tar content of 6 to 8 mg/cig.,
an SN as high as possible, CO content below
10 mg/cig. and a puff count of 8 puffs/cig.
A 25 mm filter and 29 mm tipping are requested.

Six prototypes giving DPM deliveries between 6.6 and 8.7 mg/cig.
were produced by using micro-laser perforated and zone perforated
tippings.
Two prototypes, No 5 and No 9, with DPM of 6.6 and 8.5 are interes-
ting taste wise and will be reproduced with the GAMMA 83 E flavour
at 70 %.

355 GOSTA I A product delivering 11 mg tar or less, SN and CO
values should be commensurately low, but are not
specified. Same format as BOND LTN. Cork tipping.
American blended type of taste.

Two trials were made by using the more efficient raw materials avai-
lable (2.5/48'000 acetate ; FU-POV 150 K porous plug wrap ; 3 lines
mec. perforated tipping), but the tar level of 1 mg/cig. was not
reached.
Trials will therefore be made with dual paper/acetate filters which
have the property of a higher efficiency for an identical RTD, in
comparison to the single acetate filters.

361 GOSTA II An American blend GAMMA type product delivering
2 and 4 mg tar. Moderate size.

Of the seven trials made recently (prototypes 24 to 30), three
conclusions can be drawn.

- a) Trials made with 60 K, 80 K and 100 K porous plug wraps on
3.4/46'000 I acetate filters gave respectively 6.8, 4.8 and
3.0 mg/cig. tar and a prototype should be produced with a 90 K
plug wrap in order to achieve the 4 mg objective.
The total RTD is an acceptable 95 mm H₂O.

Trials will however be made with dual paper/acetate filters for the reasons given for GOSTA I.

- b) As far as the flavour is concerned, an application at a concentration of 70 % of the GAMMA 83 E flavour is more interesting as the tobacco taste comes out more pronounced.
- c) The blend modification using 17 % of ETNA and 10 % of ES instead of 27 % of ETNA makes the cigarette more aggressive, but it does not beat BLEND ULTRA.

UNITED KINGDOM

208 TENNIS UK tar less than 16 mg/cig. / Format : 7.975/20/85

In order to compare the standard solution with the solutions according to the Hunter list, 8 prototypes were made with the MLF blend. The solutions being compared are the burley casings/top flavours, PC and AC.

290 HILTON UK tar less than 10 mg/cig.

Prototypes 39 to 41 will be tested in a product test. The weak points which came out in the previous test were corrected by using a Fletcher MC HP 5 cigarette paper and by lowering the capacity.

FRANCE

362 TAMBAY II = WATSON

This project will now be named WATSON. Trials have been made with different flavour applications and the following trials were retained :
GAMMA 83 E at 100 % on prototype GAMMA 73, GAMMA 83 E at 70 % on prototype 73 and a mixture of GAMMA 83 D at 50 % with MF-AC basis at 20 % on prototype 71. This last trial is probably the optimum product. Trials 73 D and 71 M will be tested against PETER STUYVESANT EXTRA MILD and CAMEL MILD.

J. Du Bois
J.-H. Du Bois

05/03/1980/JHD/cap

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